

## Science Inquiry 3.1 p.26

Name \_\_\_\_\_

***Record your responses in complete sentences using data and specific details when possible.***

Recognizes Key Concepts:

A. What shadow pattern did you observe?

B. At what time of day do you think shadows would be the shortest? Where would the sun be in the sky at that time?

C. At what time or times of the day do you think shadows would be the longest? Where would the sun be in the sky at that time?

Applies and Interprets Content:

D. If solar noon were the lowest point on your curve, how would you define the term "solar noon"?

Uses Critical Thinking:

E. How could you use your graph to predict the length and location of a shadow for a particular time not plotted on the graph?